

IN THE CLAIMS:

Claims 3-6, and 8-12 been amended. All of the pending claims 1 through 14 are presented below. This listing of claims will replace all prior versions and listings of claims in the application. Please enter these claims as amended.

Listing of Claims:

1. (Original) A kitchen-range (1) of the type that has a cooking top (13) comprising at least one surface (22), wherein at least one heating device (15) and a support means (14), especially a grate, are arranged, and a cover (16) that can cover it at least partly; the kitchen-range (1) being characterized by further comprising:
a first cleaning-element spraying assembly (6, 7), arranged in the cooking top (13), said at least one surface (22) of the latter being inclined with respect to the horizontal plane, so the sprayed elements can flow into a drain opening (8) connected to a re-feeding circuit (4, 5, 19) for feeding cleaning elements back to said first spraying assembly (6, 7);
a cleaning-element delivering valve (20a) connecting an external source to said circuit, and a cleaning-element draining valve (20b) connecting the circuit to an external drain means;
and
control means (51) to open and close the valves, enabling the cleaning elements to get into and out of the cleaning circuit, and to turn on and off said valves (20a, 20b), initiating and finishing the circulation of the cleaning elements in the circuit.
2. (Original) A kitchen-range (1) according to claim 1, characterized in that said re-feeding circuit comprises at least one first conduit (5) connecting the drain opening (8) to propelling means, and at least one second conduit (4) connecting the propelling means to the first spraying assembly (6, 7).

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3. (Currently Amended) A kitchen-range (1) according to ~~claim 1 or 2~~, claim 1, characterized by including an oven (100) of the type that comprises a cooking chamber (113) with heating devices (115), support means (114), especially grates, arranged in the chamber (113), and a cover (116) to cover it, the oven (100) comprising:
a second cleaning-element spraying assembly (107) arranged in the cooking chamber (113), the base surface (122) of the tatter being inclined, so that the sprayed elements can flow to a portion where the second drain opening (108) is arranged;
at least one third conduit (105) connecting the second drain opening (108) to the propelling means, and at least one fourth conduit (104) connecting the propelling means to the second spraying assembly (107), so that the second opening (108), the third conduit (105), the propelling means, the fourth conduit (104), the second spraying conduit (107) and the base surface (122) will form a cleaning-element circuit.

4. (Currently Amended) A kitchen-range according to ~~any one of claims 1 to 3~~, claim 1, characterized in that the cleaning elements are cleaning liquids.

5. (Currently Amended) A kitchen-range according to ~~any one of claims 1 to 4~~, claim 1, characterized in that the propelling means are a pump (19).

6. (Currently Amended) A kitchen-range according to ~~any one of claims 1 to 5~~, claim 1, characterized in that the cleaning-element delivering valve (9) is connected to the entrance of the pump (19) by means of a reservoir (2).

7. (Original) A kitchen-range according to claim 6, characterized in that the circuit comprises cleaning-element heating means.

8. (Currently Amended) A kitchen-range according to ~~any one of claims 1 to 7~~, claim 1, characterized in that the spraying means consist of at least one spraying arm (7, 107) and a sprayer (6).

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9. (Currently Amended) A kitchen-range according to ~~any one of claims 1 to 8,~~
claim 1, characterized in that the first (8) and the second (108) openings include filters (21, 121).

10. (Currently Amended) A kitchen-range according to ~~any one of claims 1 to 9,~~
claim 1, characterized in that the control means (51) comprise at least one from an electronic circuit and a timer.

11. (Currently Amended) A kitchen-range according to ~~any one of claims 1 to 10,~~
claim 1, characterized in that the valves (9, 10) are pumps.

12. (Currently Amended) A kitchen-range according to ~~any one of claims 1 to 11,~~
claim 1, characterized in that said first cleaning-element spraying assembly (6, 7) is arranged on said at least one surface (22) of the cooking top (13) and/or at the cover (16) of the kitchen-range.

13. (Original) A self-cleaning assembly attachable to a kitchen-range, characterized by comprising:

at least one first conduit (205) capable of connecting a drain opening in said kitchen-range to propelling means, and at least one second conduit (204) capable of connecting the propelling means (219) to a spraying assembly on the kitchen-range, so that the opening, the first conduit, the propelling means, the second conduit, the spraying assembly will form a cleaning circuit;
a cleaning-element delivering valve (209) connecting an external source to said circuit, and a cleaning-liquid draining valve (210) connecting the circuit to an external drain means.

14. (Original) A self-cleaning assembly according to claim 13, characterized in that the cooking top is a part of a kitchen-range.